

MOCVD News

EMF expands MO capacity, sells reactors

EMF Ltd (Cambridge, UK) has installed the world's largest Gas Chromatography system for the production of group-III metalorganic precursors. The patented GC technology (purchased from Eagle Picher for US\$3m) allows separation of precursor chemicals from impurities during the production process.

"The GC plant increases our metalorganic production capacity to over 2000 kg per year," says sales and mar-

keting director Jim Dixon. "We are responding to increased demand for our DEOX grade products [high-purity TMA, TMG and TMI with ultra-low oxygen content], critical for growth of VCSELs and GaN LEDs".

* EMF has received an order from Northrop Grumman for two MOCVD reactors for growth of SiC and GaN, to be delivered and installed in Q3/2000.

EMF Ltd


Tel: +44-1223-352-244

MOCVD Briefs

Sales for AIXTRON Group (Aachen, Germany) for Q2/2000 were EUR 43.4m and for first-half 2000 EUR 66.3m (up +64% on H1/99); 45% from Asia, 35% US and 20% Europe. Orders were EUR 53.1m for Q2 and a record EUR 90.6m in H1/2000 (up 178%). The Executive Board has again increased its fiscal 2000 sales forecast to EUR140m (up 65% on '99).


A £500,000 donation of equipment by AIXTRON-owned Thomas Swan Scientific Equipment (Cambridge, UK) has been made to researchers at the University of Cambridge for GaN research, with the UK's Engineering and Physical Sciences Research Council providing a grant of almost £1m for running costs. A joint research programme has been set up between TSSEL and the University of Cambridge, along with University College London and the University of Manchester Institute of Science and Technology.

Nippon Sanso has completed a gas manufacturing facility in the Toufen Special Industrial Area of Taiwan. The 720 m² plant allows the storage of more than 3000 cylinders of speciality gases for both silicon and compound semiconductors.



- AES
- AFM
- ARUPS
- CITS
- ESCA
- HREELS
- ISS
- LEED
- MBE
- MFM
- PEEM
- RHEED
- SAW
- SEM
- SENPA
- SNOM
- SPA-LEED
- SPLEED
- STM
- STS
- UPS
- XPS
- XPS


III-V NANOPROBE



Headquarters:
OMICRON VAKUUMPHYSIK GmbH
Tel: +49 531 105-1000
E-mail: info@micron.de

USA:
OMICRON Associates
Tel: +1 408 735 1000
E-mail: info@micron.com

www.omicron-instruments.com



OMICRON